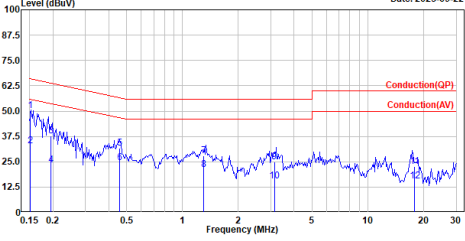
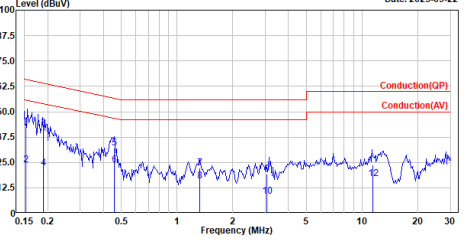


Appendix A. Test Result of AC Power Line Conducted Emission

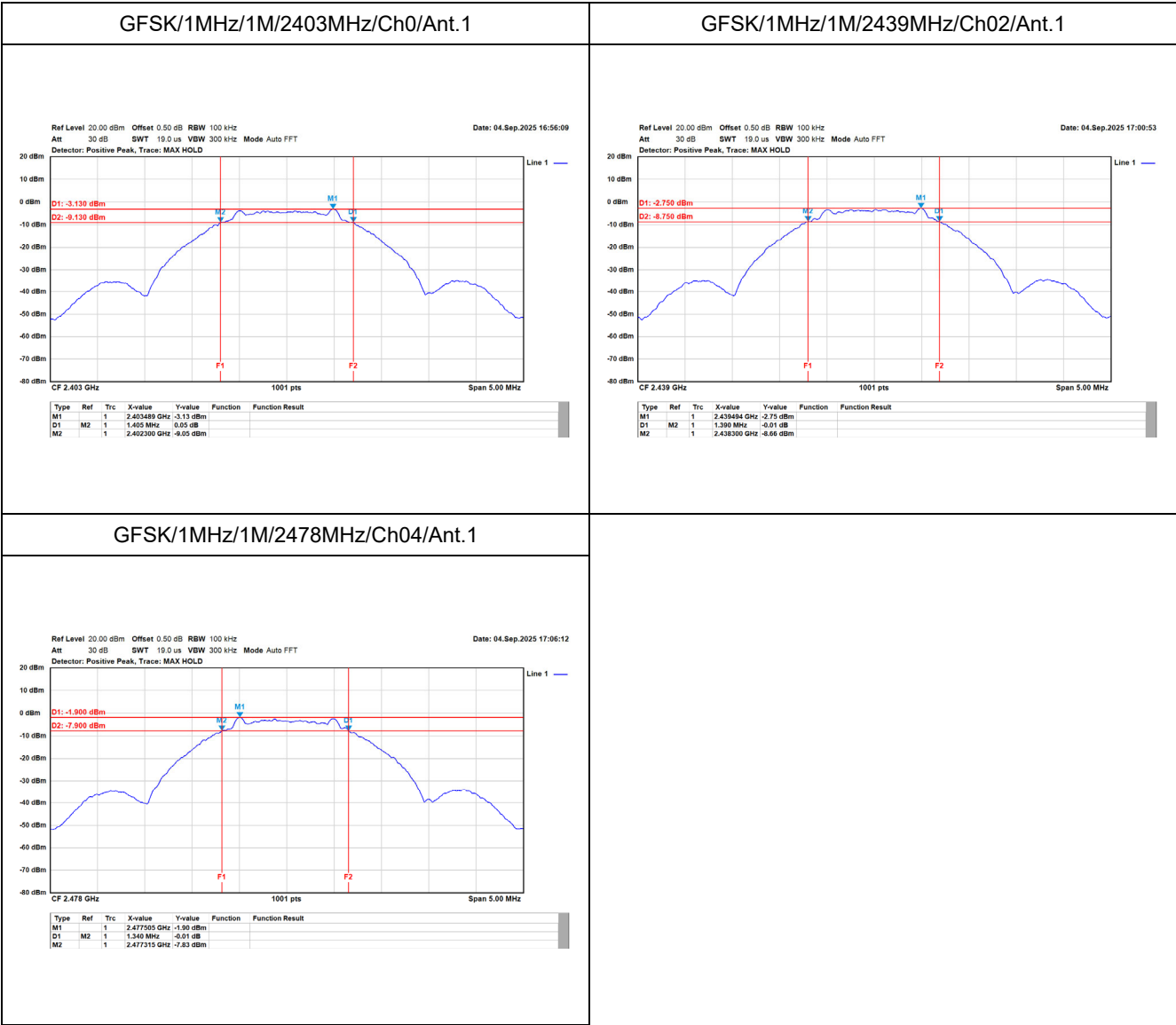
TX 2.4GWireless 2439MHz Line								TX 2.4GWireless 2439MHz Neutral							
Site :HY-SR01 Condition :Line Mode :TX 2.4GWireless_2439MHz test by :Kevin Date: 2025-09-22 								Site :HY-SR01 Condition :Neutral Mode :TX 2.4GWireless_2439MHz test by :Kevin Date: 2025-09-22 							
No.	Frequency	Level	Limit	Over	Read	Factor	Remark	No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB			MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.152	50.06	65.90	-15.84	40.49	9.57	QP	1	0.153	42.50	65.86	-23.36	32.94	9.56	QP
2	0.152	32.64	55.90	-23.26	23.07	9.57	Average	2	0.153	23.60	55.86	-32.26	14.04	9.56	Average
3	0.196	37.84	63.77	-25.93	28.28	9.56	QP	3	0.189	42.06	64.07	-22.01	32.48	9.58	QP
4	0.196	23.56	53.77	-30.21	14.00	9.56	Average	4	0.189	22.36	54.07	-31.71	12.78	9.58	Average
5	0.459	31.77	56.71	-24.94	22.18	9.59	QP	5	0.459	32.02	56.72	-24.70	22.43	9.59	QP
6	0.459	24.50	46.71	-22.21	14.91	9.59	Average	6	0.459	23.06	46.72	-22.76	14.37	9.59	Average
7	1.304	28.04	56.00	-27.96	18.39	9.65	QP	7	1.328	22.41	56.00	-33.59	12.76	9.65	QP
8	1.304	21.07	46.00	-24.93	11.42	9.65	Average	8	1.328	15.76	46.00	-30.24	6.11	9.65	Average
9	3.131	24.74	56.00	-31.26	14.87	9.87	QP	9	3.050	19.29	56.00	-36.71	9.43	9.86	QP
10	3.131	15.41	46.00	-30.59	5.54	9.87	Average	10	3.050	8.41	46.00	-37.59	-1.45	9.86	Average
11	17.782	22.54	60.00	-37.46	12.74	9.80	QP	11	11.422	23.71	60.00	-36.29	13.58	10.13	QP
12	17.782	15.59	50.00	-34.41	5.79	9.80	Average	12	11.422	17.01	50.00	-32.99	6.88	10.13	Average

Note:
1. Level = Read Level + Factor
2. Factor = LISN insertion loss + Cable loss
3. Over Limit = Level - Limit Line

Note:
1. Level = Read Level + Factor
2. Factor = LISN insertion loss + Cable loss
3. Over Limit = Level - Limit Line

Appendix B. Test Result of 6dB Bandwidth

Modulation	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)	Result
GFSK	2403	1.41	≥ 0.50	Pass
	2439	1.39	≥ 0.50	Pass
	2478	1.34	≥ 0.50	Pass

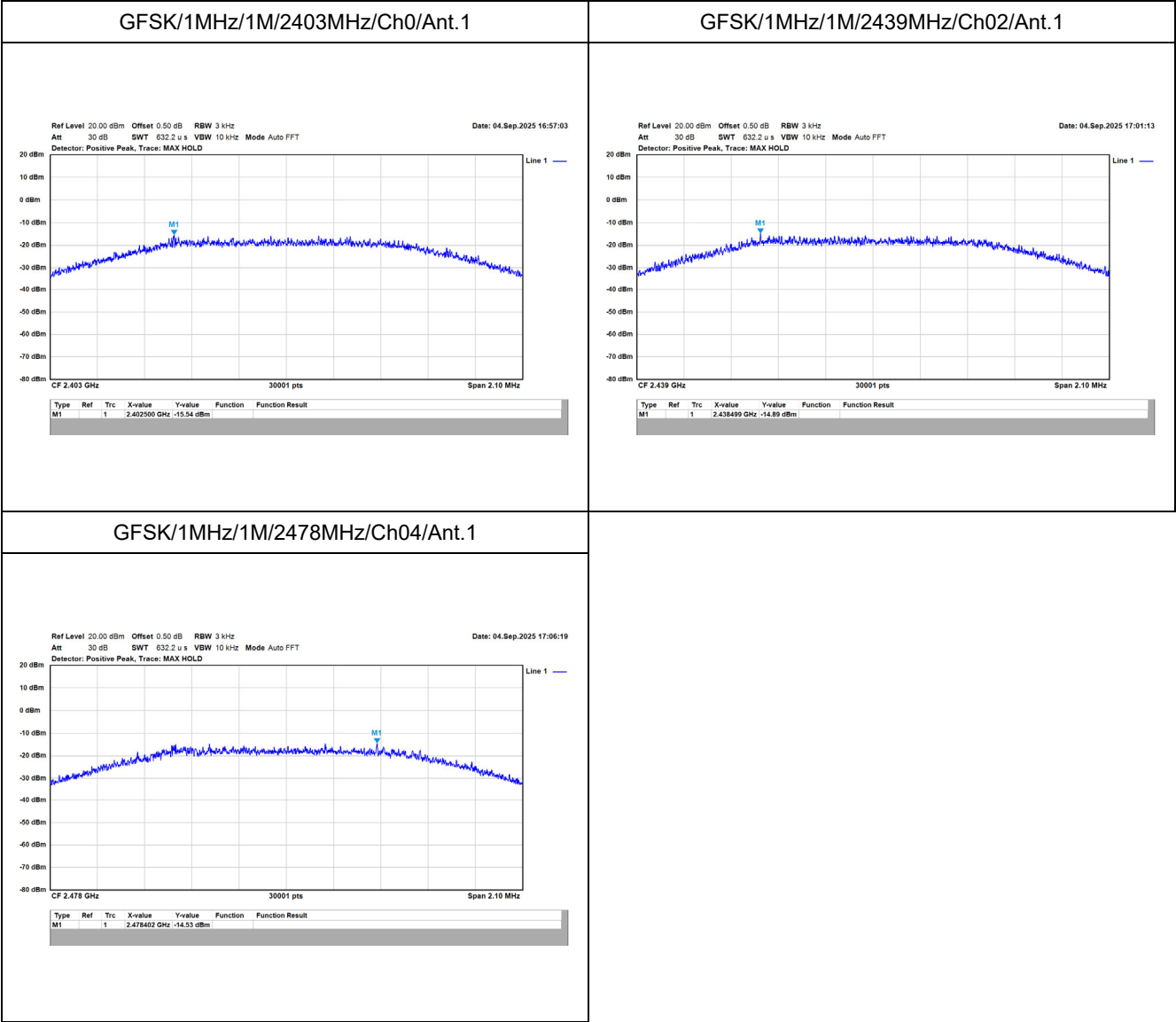


Appendix C. Test Result of Maximum Peak Conducted Output Power

Modulation	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)	Limit (dBm)	Result
GFSK	2403	-0.74	30.00	Pass
	2439	-0.15	30.00	Pass
	2478	0.17	30.00	Pass

Appendix D. Test Result of Power Spectral Density

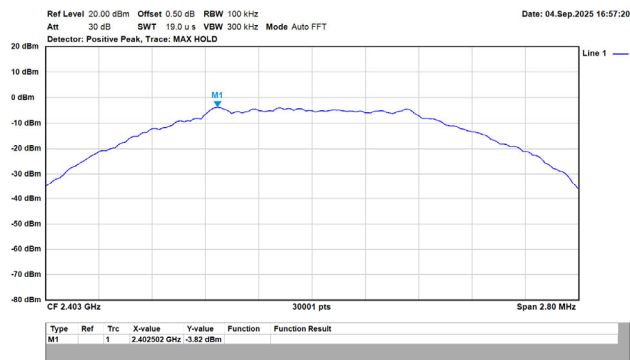
Modulation	Frequency (MHz)	Maximum Power Spectral Density (dBm/3kHz)	Limit (dBm/3kHz)	Result
GFSK	2403	-15.54	8.00	Pass
	2439	-14.89	8.00	Pass
	2478	-14.53	8.00	Pass



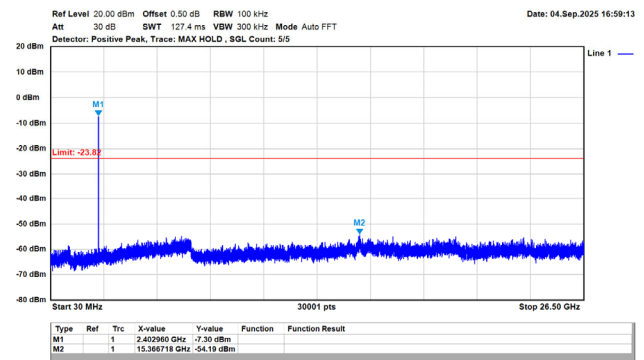
Appendix E. Test Result of Antenna Port Conducted Emission

Modulation	Measurement Level Δ (dB)	Result
GFSK	> 20	PASS

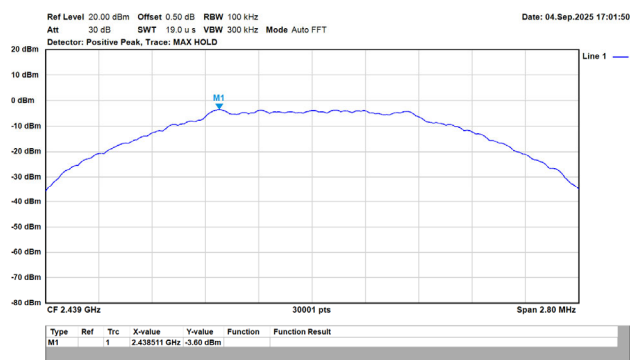
GFSK/1MHz/1M/2403MHz/Ch0/Ant.1 (Ref.)



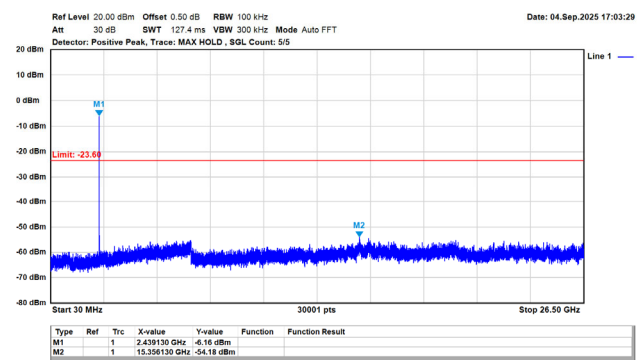
GFSK/1MHz/1M/2403MHz/Ch0/Ant.1



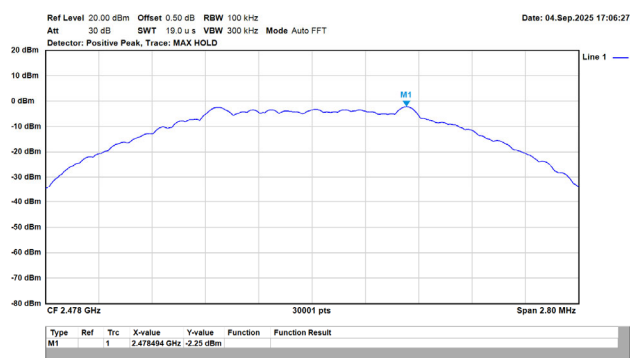
GFSK/1MHz/1M/2439MHz/Ch02/Ant.1 (Ref.)



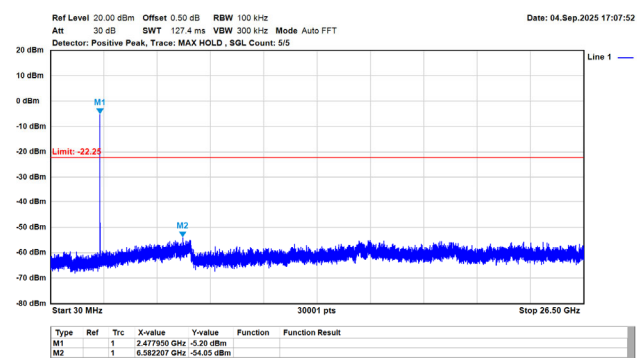
GFSK/1MHz/1M/2439MHz/Ch02/Ant.1

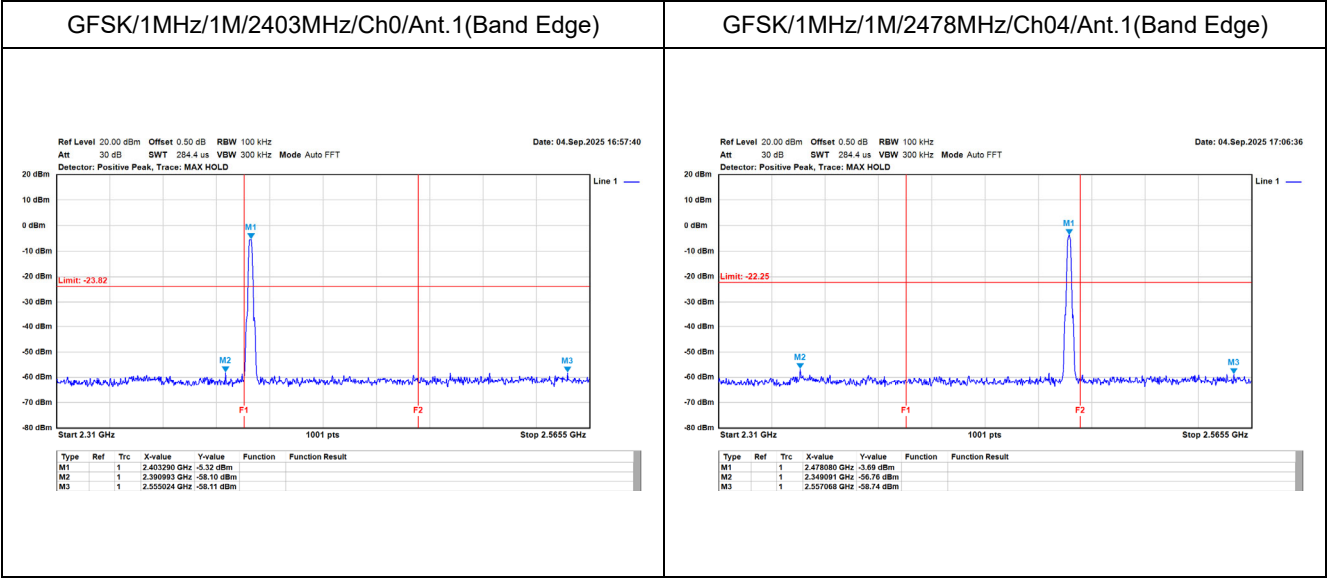


GFSK/1MHz/1M/2478MHz/Ch04/Ant.1 (Ref.)



GFSK/1MHz/1M/2478MHz/Ch04/Ant.1



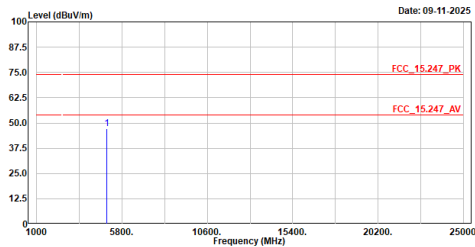


Appendix F. Test Result of Radiated Emission

TX_2.4GWireless_2403MHz_H Site :HY-CB03 Condition :3m ,Horizontal Mode :TX_2.4GWireless_2403MHz Test BY :Bob Level (dBuV/m) Date: 09-11-2025 </

TX_2.4GWireless_2478MHz_H

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_2.4GWireless_2478MHz
Test BY :Bob

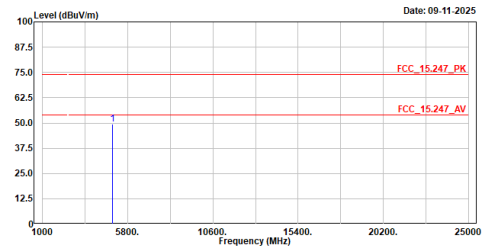


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	4956.000	47.25	74.00	-26.75	61.48	-14.23	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_2.4GWireless_2478MHz_V

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_2.4GWireless_2478MHz
Test BY :Bob

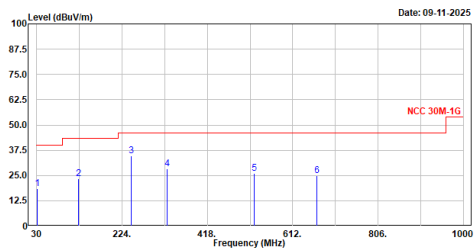


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	4956.000	49.32	74.00	-24.68	63.55	-14.23	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_2.4GWireless_2439MHz_H_QP

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_2.4GWireless_2439MHz
Test BY :Bob

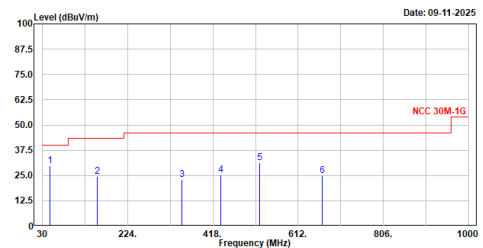


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	30.970	18.37	40.00	-21.63	43.38	-25.01	QP
2	125.060	23.31	43.50	-20.19	49.41	-26.10	QP
3	245.340	34.69	46.00	-11.31	59.80	-25.11	QP
4	325.850	28.23	46.00	-17.77	50.60	-22.37	QP
5	524.700	26.06	46.00	-19.94	43.87	-17.81	QP
6	666.320	24.96	46.00	-21.04	39.79	-14.83	QP

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.

TX_2.4GWireless_2439MHz_V_QP

Site :HY-CB03
Condition :3m ,Vertical
Mode :TX_2.4GWireless_2439MHz
Test BY :Bob

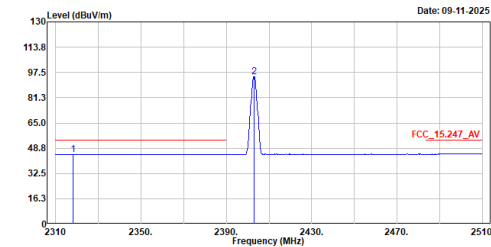


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	46.490	29.70	40.00	-10.30	53.29	-23.59	QP
2	155.130	24.48	43.50	-19.02	48.39	-23.91	QP
3	348.160	22.88	46.00	-23.12	45.01	-22.13	QP
4	435.460	25.26	46.00	-20.74	44.83	-19.57	QP
5	524.700	31.36	46.00	-14.64	49.17	-17.81	QP
6	666.320	24.95	46.00	-21.05	39.78	-14.83	QP

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission under 30MHz was not included since the emission levels are very low against the limit.

TX_2.4GWireless_2403MHz_H_Average

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_2.4GWireless_2403MHz
Test BY :Ashton



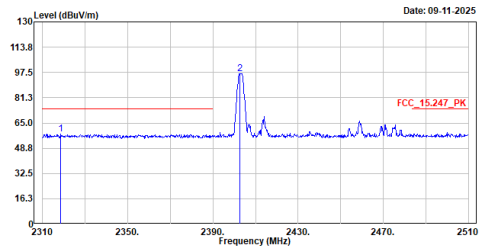
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	2318.200	44.76	54.00	-9.24	14.15	30.61	Average
2	2403.000	94.86	-----	-----	64.38	30.48	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_2.4GWireless_2403MHz_H_Peak

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_2.4GWireless_2403MHz
Test BY :Ashton



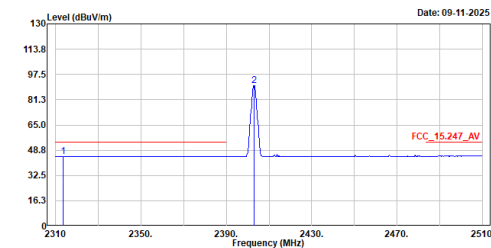
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	2318.600	58.08	74.00	-15.92	27.47	30.61	Peak
2	2402.600	96.67	-----	-----	66.19	30.48	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_2.4GWireless_2403MHz_V_Average

Site :HY-CB03
Condition :3m ,VERTICAL
Mode :TX_2.4GWireless_2403MHz
Test BY :Ashton



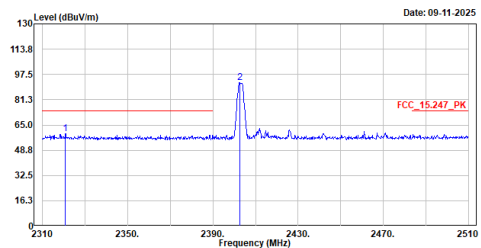
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	2313.400	44.76	54.00	-9.24	14.15	30.61	Average
2	2403.000	90.24	-----	-----	59.76	30.48	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_2.4GWireless_2403MHz_V_Peak

Site :HY-CB03
Condition :3m ,VERTICAL
Mode :TX_2.4GWireless_2403MHz
Test BY :Ashton



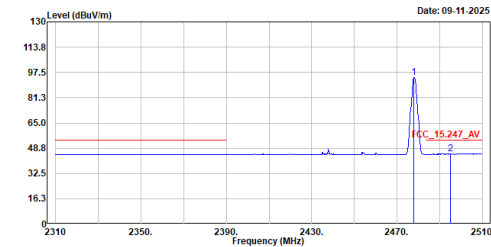
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	2320.800	59.39	74.00	-14.61	28.79	30.60	Peak
2	2402.600	92.08	-----	-----	61.60	30.48	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_2.4GWireless_2478MHz_H_Average

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_2.4GWireless_2478MHz
Test BY :Ashton



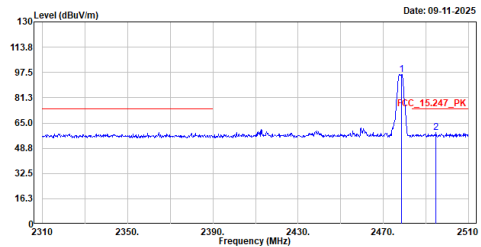
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	2478.000	94.31	-----	-----	63.92	30.39	Average
2	2495.200	44.95	54.00	-9.05	14.44	30.51	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_2.4GWireless_2478MHz_H_Peak

Site :HY-CB03
Condition :3m ,Horizontal
Mode :TX_2.4GWireless_2478MHz
Test BY :Ashton



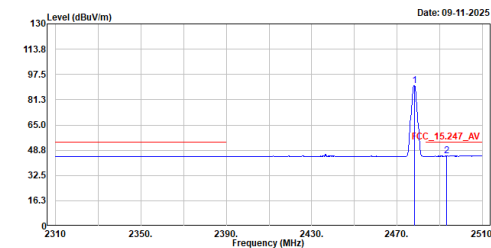
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	2478.000	96.14	-----	-----	65.75	30.39	Peak
2	2494.800	58.86	74.00	-15.14	28.35	30.51	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_2.4GWireless_2478MHz_V_Average

Site :HY-CB03
Condition :3m ,VERTICAL
Mode :TX_2.4GWireless_2478MHz
Test BY :Ashton



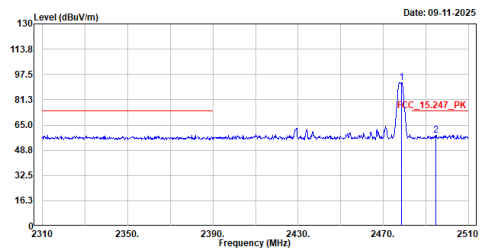
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	2478.200	90.35	-----	-----	59.96	30.39	Average
2	2493.400	44.96	54.00	-9.04	14.46	30.50	Average

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.

TX_2.4GWireless_2478MHz_V_Peak

Site :HY-CB03
Condition :3m ,VERTICAL
Mode :TX_2.4GWireless_2478MHz
Test BY :Ashton



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBuV/m	dBuV/m	Limit	Level	dB/m	
1	2478.000	92.20	-----	-----	61.81	30.39	Peak
2	2494.800	58.21	74.00	-15.79	27.70	30.51	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor
3. Over Limit = Level - Limit Line
4. The emission levels of other frequencies are very lower than the limit and not show in test report.